

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/GB2005/000725

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 E21B33/035

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 832 124 A (RAYSON ET AL) 23 May 1989 (1989-05-23) the whole document	50,51
A	-----	1,33
A	US 6 321 843 B2 (BAKER GERALD) 27 November 2001 (2001-11-27) column 2, line 56 - column 5, line 43; figure 1	1,33,50, 51
A	US 2003/146000 A1 (FENTON STEPHEN P ET AL) 7 August 2003 (2003-08-07) page 2, paragraph 31 - page 3, paragraph 41	1,33,50, 51
A	US 2003/145997 A1 (LANGFORD GAWAIN ET AL) 7 August 2003 (2003-08-07) the whole document	1,33,50, 51
	----- -/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

31 May 2005

Date of mailing of the international search report

07/06/2005

Name and mailing address of the ISA

 European Patent Office, P.B. 5518 Patentkan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Morrish, S

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/GB2005/000725

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 807 027 A (OESTERGAARD ET AL) 15 September 1998 (1998-09-15) the whole document</p>	<p>1,33,50, 51</p>

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT/GB2005/000725

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 4832124 A	23-05-1989	CA 1264289 A1	09-01-1990
		DE 3606083 A1	18-09-1986
		DK 95486 A	02-09-1986
		GB 2171736 A ,B	03-09-1986
		NL 8600510 A	01-10-1986
		NO 860724 A	02-09-1986
US 6321843 B2	09-08-2001	US 2001011592 A1	09-08-2001
		AU 3687199 A	02-03-2000
		BR 9902874 A	30-05-2000
		GB 2339872 A ,B	09-02-2000
		NO 993584 A	24-01-2000
		SG 78348 A1	20-02-2001
US 2003146000 A1	07-08-2003	AU 2003210735 A1	02-09-2003
		BR 0307459 A	10-05-2005
		GB 2402416 A	08-12-2004
		WO 03067017 A2	14-08-2003
		US 2004163818 A1	26-08-2004
US 2003145997 A1	07-08-2003	AU 2003215080 A1	02-09-2003
		GB 2403751 A	12-01-2005
		WO 03067020 A2	14-08-2003
		US 2003145998 A1	07-08-2003
		AU 2003291475 A1	03-06-2004
		AU 2003294256 A1	03-06-2004
		BR 0205503 A	23-09-2003
		BR 0300843 A	17-08-2004
		BR 0301954 A	24-08-2004
		GB 2382366 A	28-05-2003
		GB 2385009 A	13-08-2003
		GB 2389599 A	17-12-2003
		NO 20025561 A	22-05-2003
		NO 20030600 A	12-08-2003
		NO 20032374 A	08-12-2003
		SG 103372 A1	29-04-2004
		SG 107658 A1	29-12-2004
		WO 2004044367 A2	27-05-2004
		WO 2004044368 A2	27-05-2004
		US 2003094284 A1	22-05-2003
		US 2003226666 A1	11-12-2003
		US 2003150731 A1	14-08-2003
		US 2004140124 A1	22-07-2004
		US 2004140125 A1	22-07-2004
US 5807027 A	15-09-1998	NO 941688 A	07-11-1995
		AU 698722 B2	05-11-1998
		AU 2456795 A	29-11-1995
		BR 9501285 A	28-11-1995
		GB 2303191 A ,B	12-02-1997
		WO 9530853 A1	16-11-1995